

## **BIG PACK POWER**



Now, it's **BIG PACK** time! This is a compact, rugged housing for heavy duty service. With AVC's **BIG PACK** there is always enough power available and with the optional LCD monitor you are always on the safer side. The LCD monitor shows the exact voltage of the power pack and when the equipment is in standby or running mode, under load.

**BIG PACK** either for camera or for lighting equipment.

**BIG PACKS** are optional available with up to 4 XLR connectors and with two different voltages to power either camera or light.

**BIG PACKS** are available with built-in charger MB1000-xx and optional with deep-discharge protection or with dimmer control with deep discharge protection.

**BIG PACKS** have a built-in thermal detector to protect the batteries against overcharge.

### THE HOUSING



**BIG PACK** housings are made from polyethylene material and are shock proofed. The top and bottom of the housing is mounted on a 2mm aluminium frame, which protects the batteries and all parts against damage. Optional these power packs are available either with deep discharge protection or with dimmer control with deep discharge protection and additional with a LCD monitor. It is available either with 3-, 4- or 5-pin XLR connector.

## THE BATTERIES

The batteries are stored in shock proofed polyethylene housings. The batteries which are built-in are typical selected industrial high performance batteries. **BIG PACKS** have a built-in [thermal detector](#), which protects the batteries additional against overcharge.

## THE ELECTRONIC

AVC **BIG PACKS** are optional available with different electronics. To protect the batteries against deep discharge, there is available the built-in [DEEP DISCHARGE PROTECTION or the DIMMER CONTROL WITH DEEP DISCHARGE PROTECTION](#).

## THE BUILT-IN CHARGER

AVC **BIG PACKS** are available with [built-in charger](#) MB1000-xx or TWIN MB1000-xx  
The charging cable is stored in the power pack and cannot be lost. AVC **BIG PACKS** can be recharged also with an external charger or with an external speed charger.

## THE EXTERNAL CHARGER

Of course, we can supply you with external battery chargers, which are for recharge of AVC POWER BELTS and POWER PACKS. The external battery chargers can also recharge foreign made batteries. The specification you will find in TECHTALK of [MB1000-xx or TWIN MB1000-xx charger](#).

## THE CONNECTOR

AVC **BIG PACKS** are available with 3-/4- or 5-pin XLR connector. **BIG PACKS** comes with 2 x XLR connector (without surcharge). The 30V **BIG PACK** type is available with one XLR connector, only.

## THE ON-OFF SWITCH

AVC **BIG PACKS** with built-in charger and either with deep discharge protection or with dimmer control with deep discharge protection are with a 3-step position switch. To operate the camera or the light, switch to position BATT and for recharge with the built-in charger switch to position IC (internal charge). If recharging with an external battery charger switch to position EXC (external charge).

**AQUA-LUX DAYLIGHT-**  
Daylight under water!



## BIG PACK SPECIFICATIONS

The 24V – 28,8V BIG PACKS are with 2 x XLR connector outlet. There can be built-in total 4 x XLR connectors.

This is important when using equipment which are powered with different voltages, for instance:

camera equipment 12/13,2V and light equipment or camera equipment with 24/26,4V.

Rental companies need always batteries with different voltages for their equipment. We wire the connectors in the way, that there is no danger for 12 V equipment, when plugged in a 24V outlet. The advantage is, that a lot of equipment can be powered by only one POWER PACK.

The connectors of the BIG PACKS can be switched from 12V operation (or 13,2-14,4V) to 24V (or 26,4-28,8V) operation.

For instance	XLR 4 for 12-14,4V	1= negativ / 4= positiv	(electronic cameras)
	XLR 5 for 12-14,4V	1= negativ / 3= positiv	(film cameras)
	XLR 4 for 24-28,8V	1= negativ / 2= positiv	(battery-light + film camera)
	XLR 3 for 24-28,8V	1= negativ / 2= positiv	(battery-light)

Depending on the switch and the different wiring the connectors, there is no problem or danger when plug in a 12V powered equipment in a >24V outlet.

Optional there is available a built-in LCD monitor, which shows the voltage of selected power and whilst operation, under load.

### THE BIG PACK TYPES

DESCRIPTION	VOLT	Ah	TYPE	BUILT-IN CHARGER	2x XLR	DEEP-DISCHARGE PROTECTION	DIMMER CONTROL (incl. deep-discharge protection)	LCD MONITOR	+2x XLR	MEASURE-MENTS (mm)	WEIGHT (kg) approx.
5424800	12/24	16/8	NC	●	●	*	*	*	*	275x140x180	6,1
5424500	12/24	10/5	NC	●	●	*	*	*	*	275x140x150	4,1
5426800	13,2/26,4	16/8	NC	●	●	*	*	*	*	275x140x180	6,6
5426500	13,2/26,4	10/5	NC	●	●	*	*	*	*	275x140x150	4,4
5428800	14,4/28,8	16/8	NC	●	●	*1	*	*	*	275x140x180	7,1
5428500	14,4/28,8	10/5	NC	●	●	*1	*	*	*	275x140x150	4,7
5430800	30	8	NC	●	*	*	*	*	*	275x140x180	7,3
5430500	30	5	NC	●	*	*	*	*	*	275x140x150	4,9
5424850	12/24	17/8,5	NiMh	●	●	*	*	*	*	275x140x150	4,1
5426850	13,2/26,4	17/8,5	NiMh	●	●	*	*	*	*	275x140x150	4,4
5428850	14,4/28,8	17/8,5	NiMh	●	●	*	*	*	*	275x140x150	4,7
5430850	30	8,5	NiMh	●	*	*1	*	*	*	275x140x150	4,9
5424120	12/24	26/13	NiMh	●	●	*1	*	*	*	275x140x180	6,1
5426120	13,2/26,4	26/13	NiMh	●	●	*1	*	*	*	275x140x180	6,6
5428120	14,4/28,8	26/13	NiMh	●	●	*	*	*	*	275x140x180	7,1
5430120	30	13	NiMh	●	*	*	*	*	*	275x140x180	7,3

● yes  
\* optional

**SPECIFICATION SUBJECT TO CHANGE WITHOUT PRIOR NOTICE!**